



UNITED STATES DEPARTMENT OF COMMERCE  
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKETT NO.
08/031,120	3/12/93	Abileah	2190.430

EXAMINER	
A. Gross	
ART UNIT	PAPER NUMBER
2515	5

DATE MAILED:

### EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

(1) Mr. Geoffrey Myers (Applicant's Rep) (3) Examiner Anita Pellman Gross  
(2) Mr. Joe Rhoads (Applicant's Rep) (4) \_\_\_\_\_

Date of interview December 16, 1993

Type: ☐ Telephonic ☒ Personal (copy is given to ☐ applicant ☒ applicant's representative).

Exhibit shown or demonstration conducted: ☐ Yes ☒ No. If yes, brief description: \_\_\_\_\_

Agreement ☐ was reached with respect to some or all of the claims in question. ☒ was not reached.

Claims discussed: Proposed claim 19

Identification of prior art discussed: Abileah et al and Farrell

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant plans to submit a claim as shown in attached proposed claim 19 (as amended) to further distinguish Applicant's invention of a second light source in the gaps between the first light sources such that both first and second light source images are split.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

☐ 1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph below has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

☐ 2. Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the substance of the interview unless box 1 above is also checked.

Anita Pellman Gross  
Examiner's Signature

NEW INDEPENDENT CLAIM

19. In a liquid crystal display which includes a matrix array of rows and columns of liquid crystal picture elements, said matrix array having a viewing side and a rear side, and wherein said display further includes means for generating light to be passed through said matrix array which includes a first light source and a second light source, said light sources being located rearward of said rear side of said matrix array thereby to create a pair of backlit light sources for said array, said means for generating light further including means for selecting from which light source said light shall be emitted, the improvement comprising:

as said first light source, at least two, spaced apart <sup>of substantially the same size</sup> light emitting members, so as to define a gap therebetween; <sup>said gap being of substantially the same size as each of said spaced apart light emitting members</sup>

wherein said second light source is located rearward of said first light source with respect to said matrix array, and is further so located with respect to said first light source such that a substantial portion of the light emitted from said second light source directly projects into and through said gap between said two spaced apart light emitting members of said first light sources;

and wherein said display further includes image splitting means for providing two, similar images of <sup>one of said first and second light sources, when said one light emits</sup> a said light source when said light source emits light therefrom, said image splitting means being located between said matrix array and said light sources and being spaced from said light sources such that when said first

light source emits light the split, similar images thereof formed by said image splitting means are co-joined to create a substantially uniform generation of light for impingement upon the rear side of said matrix array, and such that when said second light source emits light, the split images thereof formed by said image splitting means are co-joined to create a substantially uniform generation of light for impingement upon the rear side of said matrix array.